

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Caffrey et al.

Serial No.: 09/537,906

Filing Date: 03/28/00

Examiner: Unknown

Group Art Unit: Unknown

Title: PINS CHEMICAL IDENTIFICATION SOFTWARE

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either a:  
☐ Certification under 37 CFR 1.97(e), or  
☐ a \$240.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with a:  
☐ Certification under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2)(ii), and  
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☐ a check in the amount of \$ - 0 - is enclosed herewith.

☐ Please charge to Deposit Account **11-1150** the sum of \$ - 0 -

At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **11-1150** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO-1449 - Information Disclosure Citation together with copies of patent publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail label no. EL525025894US

Respectfully submitted,

Date of Deposit 6-28-00

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to : Assistant Commissioner for Patents, Washington D.C. 20231

By: Robert W. Nelson  
Typed Name: Robert W. Nelson

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## PATENT APPLICATION

<b>FORM PTO-1449</b> <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. LIT-PI-553	SERIAL NO. 09/537,906
	APPLICANT Caffrey, et al.	
	FILING DATE 03/28/00	GROUP <del>Unknown</del> 2378

### REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

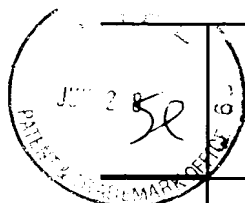
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
SR	3,832,545	08/27/74	Bartko	376	159
SR	4,882,121	11/21/89	Grenier	376	159
SR	4,918,315	04/17/90	Gomberg et al.	250	390.04
SR	5,076,993	12/31/91	Sawa et al.	376	159
SR	5,098,640	03/24/92	Gozani et al.	376	166
SR	5,162,096	11/10/92	Gozani	376	159
SR	5,200,626	04/06/93	Schultz et al.	250	390.04
SR	5,378,895	01/03/95	Cole et al.	250	390.04

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

### OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

SR	Alvarez, R.A., et al., "Toole NDE Test Report LLNL 14-MeV Neutron Activation Group", Lawrence Livermore National Laboratory, Livermore, CA (reproduced by U.S. Department of Commerce, National Technical Information Service, Springfield, VA), pp. 1 - 27 (June 1991).
SR	Bach, P., et al., "Chemical weapons detection by fast neutron activation analysis techniques", Nuclear Instruments and Methods In Physics Research, B79, pp. 605 - 610 North-Holland (1993).
SR	Rhodes, E., et al., "APSTNG: Neutron Interrogation of Detection of Nuclear and CW Weapons, Explosives, and Drugs", 4 <sup>th</sup> World Neutron Radiography Conf., San Francisco, CA, pp. 827 - 835 (May 11 - 14, 1992).



52	Rhodes, E., et al., "APSTNG: Neutron Interrogation of Explosives and Drugs and Nuclear and CW Materials", submitted to SPIE 1992 International Symposium on Optical Applied Science and Engineering, San Diego, CA, pp. 1 - 11 (July 19 - 24, 1992).
52	Rhodes, E., et al., "ASPTNG: Radiation Interrogation for Verification of Chemical and Nuclear Weapons", IEEE TRANSACTIONS ON NUCLEAR SCIENCE, Vol. 39, No. 4 pp. 1041 - 1045 (1992).
52	Taylor, T.T., "An Assessment of Nondestructive Testing Technologies For Chemical Weapons Monitoring" prepared for the U.S. Department of Energy Office of Arms Control and Nonproliferation and the Defense Nuclear Agency Office of Arms Control and Test Limitations under Contract DE-AC06-76RLO 1830, pp. 16 - 21, Appendixes D and E (May 1993)

EXAMINER

*John Doe*

DATE CONSIDERED

*10/10/01*